## EAST Search History

| Ref # | Hits | Search Query  | DBs                             | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------------|---------------------|---------|---------------------|
| S1    | 6    | (("5480589") or<br>("5866651") or<br>("0776745") or<br>("5188963") or<br>("0974391") or<br>("0757067")).PN.   | US PGPUB;<br>USPAT; EPO;<br>JPO | OR                  | OFF     | 2008/04/15<br>10:23 |
| 82    | 42   | ("2890868"   "326419"   "3361412"   "3749378"   "3800985"   "3941355"   "4059714"   "4135882"   "4323474"   "4371096"   "4396529"   "4511258"   "4527712"   "47888"   "478631"   "4791142"   "4850705"   "4929088"   "5056034"   "5056034"   "5243488"   "5356565"   "Re29665"   "Re34255"), PN, OR ("5480589") URPN, | US PGPUB;<br>USPAT; USOOR       | OR                  | ON      | 2008/04/15          |
| S3    | 48   | S1 or S2  | US-PGPUB;<br>USPAT; USOCR       | OR                  | ON      | 2008/04/15<br>11:01 |
| S4    | 1    | S3 and piston and (shear adj rate)  | US-PGPUB;<br>USPAT; USOCR       | OR                  | ON      | 2008/04/15<br>11:01 |
| S5    | 2    | S3 and (shear adj rate)   | US-PGPUB;<br>USPAT; USOOR       | OR                  | ON      | 2008/04/15<br>11:04 |
| S6    | 18   | S3 and (viscosity)  | US-PGPUB;<br>USPAT; USOOR       | OR                  | ON      | 2008/04/15<br>11:05 |
| S7    | 14   | S3 and (viscosity) and (piston or pump)   | US-PGPUB;<br>USPAT; USOCR       | OR                  | ON      | 2008/04/15<br>11:05 |
| S8    | 3    | (("6131855") or<br>("5400984") or<br>("1003897")).PN.   | US-PGPUB;<br>USPAT              | OR                  | OFF     | 2008/04/16<br>14:19 |
| S10   | 5    | "2002160577"<br>"02251592"<br>"62102859"<br>"05309329"<br>"04226321"  | JPO                             | OR                  | ON      | 2008/04/16<br>14:32 |
| S11   | 3    | (("0974391") or<br>("0757067") or<br>("5188963")).PN.   | US-PGPUB;<br>USPAT; EPO         | OR                  | OFF     | 2008/04/17<br>07:10 |

| S12 | 549976 | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (foam or seal\$4)                              | US-PGPUB;<br>USPAT | OR  | ON | 2008/04/17<br>08:41 |
|-----|--------|--|--------------------|-----|----|---------------------|
| S13 | 71913  | (silicone polyurethane epoxy epoxies (Synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) (ble elastomer) and (toam and seal\$4)                                      | US-PGPUB;<br>USPAT | OR  | ON | 2008/04/17<br>08:42 |
| S14 | 17     | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (foam and seal\$4)                             | US-PGPUB;<br>USPAT | AND | ON | 2008/04/17<br>08:42 |
| S15 | 47627  | (silicone polyurethane epoxy epoxies (Synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) (bloy adj vinyl adj chloride) (elastomer) and (foam and seal\$4) and cur\$4 | US-PGPUB;<br>USPAT | OR  | ON | 2008/04/17<br>08:42 |
| S16 | 6273   | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (foam and seat\$4) and curing and viscosity    | US-PCPUB;<br>USPAT | OR  | ON | 2008/04/17<br>08:43 |

| S17  | 1375   | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (toam and seal\$4) and curing and viscosity and paste               | US-PGPUB;<br>USPAT | OR    | ON | 2008/04/17<br>08:43 |
|------|--------|---|--------------------|-------|----|---------------------|
| S18  | 277    | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (foam and seal\$4) and curing and viscosity and paste and expanding | US-PGPUB;<br>USPAT | CR CR | ON | 2008/04/17<br>08:44 |
| S22  | 732540 | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (foam or seal\$4 or adhesive)                                       | US-PGPUB;<br>USPAT | OR    | ON | 2008/04/17<br>08:45 |
| \$23 | 35966  | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (toam and seal\$4 and adhesive)                                     | US-PCPUB;<br>USPAT | OR    | ON | 2008/04/17<br>08:45 |

| S24 | 8170  | (silicone polyurethane epoxy epoxies (synthetic adj rubber) polyester resin (acrylic adj resin) (polyvinyl adj chloride) (poly adj vinyl adj chloride) (poly adj vinyl adj chloride) thermoplastic elastomer) and (toam and seal\$4 and adhesive) and cured | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:09 |
|-----|-------|---|---------------------------------|----|----|---------------------|
| S26 | 27775 | mold and resin and<br>hollow  | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:11 |
| S27 | 2643  | mold and resin and<br>hollow and cur\$4 and<br>(organic adj solvent)  | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:12 |
| S28 | 18    | mold and resin and<br>hollow and cur\$4 and<br>((organic adj solvent)<br>same (dissolve or melt)<br>same (core or center or<br>middle))   | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:13 |
| S29 | 7192  | mold and \$5styrene<br>and \$5urethane and<br>(organic adj solvent)   | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:26 |
| S30 | 6295  | mold and \$5styrene<br>and \$5urethane and<br>(organic adj solvent)<br>and resin  | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:26 |
| S31 | 339   | mold and \$5styrene<br>and \$5urethane and<br>(organic adj solvent)<br>and (hollow same<br>(center or middle or<br>inside))   | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:27 |
| S32 | 8     | mold and \$5urethane<br>and ((organic adj<br>solvent) same<br>(dissolve) same<br>\$5styrene same foam)<br>and (hollow)  | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:31 |
| S34 | 6     | (wax adj precision adj<br>molding)  | US-PGPUB;<br>USPAT              | OR | ON | 2008/04/21<br>07:37 |
| S35 | 8     | mold and \$5urethane<br>and ((organic adj<br>solvent) same<br>(dissolve) same<br>\$5styrene same foam)  | US-PGPUB;<br>USPAT; EPO;<br>JPO | OR | ON | 2008/04/21<br>07:39 |

| S36 | 169  | mold and \$5urethane<br>and ((organic adj<br>solvent) same<br>\$5styrene) and foam   | US-PGPUB;<br>USPAT; EPO;<br>JPO           | OR | ON | 2008/04/21<br>07:40 |
|-----|------|--|---|----|----|---------------------|
| S37 | 569  | (wax adj3 molding)   | US-PGPUB;<br>USPAT                        | OR | ON | 2008/04/21<br>07:48 |
| S38 | 378  | (wax adj2 molding)   | US-PGPUB;<br>USPAT                        | OR | ON | 2008/04/21<br>07:48 |
| S39 | 508  | (Suzuki adj Hidekazu).<br>in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO           | OR | ON | 2008/04/21<br>07:52 |
| S40 | 14   | S39 and mold   | US-PGPUB;<br>USPAT; EPO;<br>JPO           | OR | ON | 2008/04/21<br>07:52 |
| S41 | 14   | S39 and mold   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT  | OR | ON | 2008/04/21<br>07:56 |
| S42 | 204  | sacrificial adj mold   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT  | OR | ON | 2008/04/21<br>08:54 |
| S43 | 29   | sacrificial adj mold and foam\$2   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT  | OR | ON | 2008/04/21<br>08:55 |
| S44 | 17   | sacrificial adj mold and<br>foam\$2 and resin  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT  | OR | ON | 2008/04/21<br>09:00 |
| S45 | 60   | ((sacrificial adj mold) or<br>(resin adj mold) or<br>(resin adj model)) and<br>(foam\$2 adj<br>(polystyrene))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT  | OR | ON | 2008/04/21<br>09:04 |
| S46 | 3325 | ((SUZUKI adj<br>HIDEKAZU) (TANAKA<br>adj NOBUYUKI) (MIKI<br>adj NOFILYUKI) (YOKO)<br>adj HIROSHI) (ONSO<br>adj HERISHI) (ONSO<br>adj KEIICHIRO)<br>(MATSUYAMA adj<br>TOMONOBU) (MIZUNO<br>adj HISASHI) (MAEDA<br>adj MANABU) (TAKASE<br>adj AKIRA) (OI adj<br>TAKAHARU) (SUZUKI<br>adj TOMONI)<br>(MATSUMUFA adj<br>MINORIU, (AIHARA adj<br>YOSHIYUKI)<br>(KAITA adj<br>TARO) (SAITO adj<br>AKIO) (SAITO adj | US-PGPUB;<br>USPAT; EPO;<br>JPO; DEFIWENT | OR | ON | 2008/04/21<br>09:12 |

|     |     | KAZUKI)<br>(KI KUCHI HARA adj<br>MASATO)).in.     | ***************************************  |    | *************************************** | *************************************** |
|-----|-----|---|--|----|---|---|
| S47 | 133 | S46 and mold                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON                                      | 2008/04/21<br>09:44                     |
| S48 | 23  | S46 and mold and<br>(polystyrene or<br>particles) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON                                      | 2008/04/21<br>10:04                     |
| S49 | 1   | ("6569365"). PN.                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO          | OR | OFF                                     | 2008/04/21<br>11:20                     |
| S50 | 267 | S38 and @py<"2005"                                | US-PGPUB;<br>USPAT                       | OR | ON                                      | 2008/04/21<br>11:27                     |
| S51 | 178 | S38 and<br>@py<"2005"S50 and<br>lost              | US-PGPUB;<br>USPAT                       | OR | ON                                      | 2008/04/21<br>11:28                     |

<sup>4/22/2008 8:31:30</sup> AM

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